

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

04783/008001

Application Number

09/385,102

Applicant(s)

Toshihiro SHIMA

Filing Date

August 27, 1999

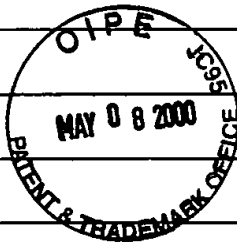
Group Art Unit

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE



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TC 2100 MAIL ROOM

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
CSP	A1	10-232752	09/02/98	Japan				✓
CSP	A2	10-254721	09/25/98	Japan				✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CSP	A3	Patent Abstract of Japan, Publication Number 10232752 A, Publication Date September 2, 1998, 1 Page
CSP	A4	Patent Abstract of Japan, Publication Number 10254721 A, Publication Date September 25, 1998, 1 Page

EXAMINER

Chan Paul

DATE CONSIDERED

9-5-03

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04783/0080

SERIAL NO.

09/385,102

Toshihiro SHIMA

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CSP	B1	Japanese Patent Abstracts Publication No. 10111769 A, Publication Date 04/28/1998, 1 page
CSP	B2	Japanese Office Action, with partial translation dated August 28, 2001, 6 pages

EXAMINER

Chan Park

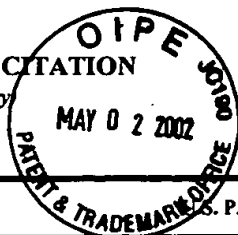
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EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CSP	A1	4,992,958	02/12/1991	Kageyama et al.	364	519	06/27/1989
CSP	A2	5,550,957	08/27/1996	Davidson, Jr. et al.	395	114	12/07/1994

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CSP	A3	European Search Report, Dated January 23, 2002

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